

# Evolv™ Terminal with Pushlok™ Technology 2 port, preconnectorized OptiTip® stub, SST Dielectric, 150 m

CORNING

**Part Number:**  
**DFA2F1FDD1M1150M0P**

Pushlok™ hardened connector technology is the key component enabling smaller terminals for FTTx networks than ever before. Designed for use in nearly every access network environment, the terminal is small enough to be placed in existing handholes or pedestals where space is paramount, on building facades, or in aerial networks (pole- or strand-mount). Improved aesthetics improve end-user adoption for facade applications. There are two styles of terminals designed to meet various space and density requirements: terminals with one row of adapter ports and terminals with two rows of adapter ports. For terminals with one row of adapter ports, the ports are aligned in a single row with the input stub on the left and 2-, 4-, 6- or 8-distribution ports on the right. For terminals with two rows of ports, the input stub is on the front left of the terminal and there are 6-, 8-, 12- or 16- distribution ports. Each port's corresponding release button is actuated to remove the dust cap or drop. When installing drops, the keyed ports provide an audible and physical positive feedback minimizing technician variation and potential damage due to mishandling.

## Features and Benefits

### **Pushlok™ cable assembly connector ports for customer drop terminations**

Lower installation cost and increased speed of connection

### **Standard and integrated splitter terminal options**

Solution supports various architecture types

### **Durability**

100 lb cable tensile strength

### **Available stubbed or preterminated with OptiTip® multifiber connector technology**

Compatible with existing FlexNAP™ installations

### **Small form factor optimises space in pedestals/handholes**

Lower profile overall with drop entry ports on bottom

### **Ultrasonically welded housing**

Eliminates water ingress potential and prevents unwanted entry in the field

### **Factory-terminated polished connectors**

Eliminates loss associated with excess fusion splices



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## Specifications

### General Specifications

Product type	Terminals
Environment	Outdoor
Cable type	SST Flat Dielectric Drop
Fibre category	ITU-TG.652.D (OS2)
Packaging	Individual Pack
Preconnectorized "Stubbed" hardware	Yes
Lockable	No
Cable type stubbed	SST drop cable
Mounting Type	Strand mount, Pole-mount, Wall-mount, Pedestal mount, Handhole mount
Splice option	No
Application	FTTx

### Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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### Environmental Conditions

Temperature range, operation	-40 °C to 85 °C
Temperature range, storage	-40 °C to 85 °C

### Design

Fibre count	2
Input fibre count	2
Fibre colouring	Blue, orange
Fibres per port	1
Number of single-fibre ports, SC APC connector	2

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## Design

Housing material	Plastic
Pigtail length	500 m
Polish	APC
Input cable type	SST Flat Dielectric Drop
Locking availability	No
Sealing type	Welded
Housing colour	Black
Pigtail type	Dielectric
Number of ports	2

## Design - Adapter

Adapter type	Pushlok
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## Mechanical Characteristics

Cable length	150 m
Cold mate/demate	-40 °C

## Optical Specification - Hardware

Module Insertion Loss, Max	0.5 dB
Reflectance, maximum	65 dB

## Connector Specs

Connector type	Pushlok
Housing colour	Black
Housing material	Plastic
Polish	APC

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## Specifications - Connector A

Connector type	Pushlok
Housing colour	Black
Polish	APC
Housing material	Plastic
Endface type	APC
Insertion loss, max.	0.5 dB
Reflectance	> 65 dB
Insertion loss, typical	≤ 0.15 dB

## Specifications - Connector B

Connector type	Pushlok
Housing colour	Black
Polish	APC
Housing material	Plastic
Keyed (security)	No
Insertion loss, max.	0.5 dB
Reflectance	> 65 dB
Insertion loss, typical	≤ 0.15 dB
Endface type	APC

## Dimensions

Length	154 mm
Height	30 mm
Width	84 mm

## Shipping Dimensions

Height	846 mm
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## Shipping Dimensions

Width	846 mm
Depth	178 mm

## Ordering Information

Product Number	DFA2F1FDD1M1150M0P
Weight	6.21 kg
Packaging method	Reel
Shipping weight	6.21 kg
Width	846 mm
Depth	178 mm
Height	846 mm
Units per delivery	1/1



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